

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D205-770 REV. C  
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D205-770 REV. 2

REF. TCCA STC: SH08-8

REF. FAA STC: SR02690NY / SR02070SE

REF. EASA STC: EASA.IM.R.S.01528

## 1.0 PURPOSE

On D205-770-011 Replacement Engine Mount Kits at CHG 004 or later, the AN3C12A Bolts on the bottom of the D3686-041 Monopod Assembly are replaced with MS21250-03014 Bolts to prevent premature bolt failure in service. Customers with D205-770-011 Replacement Engine Mount Kits at CHG 003 or earlier are encouraged to procure the DSI 9571-011 Kit from Dart to upgrade their existing kits.

## 2.0 INSTALLATION

- 2.1 Temporarily suspend the weight of the engine using appropriate hoist and engine sling.
- 2.2 Unfasten qty(2) AN3C12A Bolts as shown in Figure 1 of this service instruction. Retain the D3692-1 Spacers and discard the AN3C12A Bolts and MS21043-3 Nuts.
- 2.3 Inspect the bearings for looseness in accordance with Section 5.1 of ICA-D205-770.
- 2.4 Install the MS21250-03014 Steel Tension Bolts, D3692-1 Spacers and MS21042-3 Nuts as shown in Figure 2 and ensure that the D3692-1 Spacers are correctly oriented along the face of the stud.
- 2.5 Torque bolts to 20 to 25 in-lbs (2.3 to 2.8 N-m).
- 2.6 Remove hoist and engine sling.






## 3.0 PARTS LIST

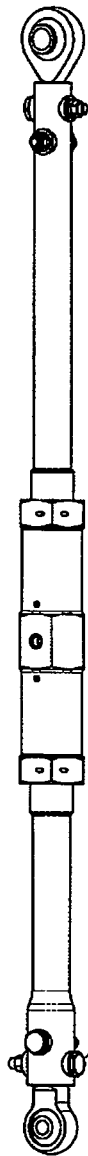
Qty -011	Part Number	Description
X	DSI 9571-011	BOLT SUBSTITUTION KIT
2	MS21042-3	NUT (OR MS21042L3)
2	MS21250-03014	STEEL TENSION BOLT

## 4.0 WEIGHT & BALANCE

This change has negligible effect on weight and balance

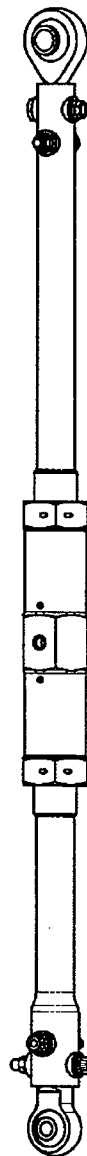
CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED 	
BY:	D. SHEPHERD (DE # 02)
DATE:	11.11.28
CERT. NO.:	SH08-8
ISSUE NO.:	1

B	PRODUCT IMPROVEMENT: PERMANENT CHANGE. (REF. NCR11-754)	MB	11.11.23
A	NEW ISSUE	MB	11.09.06
REV.	DESCRIPTION	BY	DATE
DESIGN		<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9571	SHEET 1 OF 2
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DE APPR.		BOLT SUBSTITUTION	NTS
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AN3C12A BOLT  
D3692-1 SPACER, 2X  
MS21043-3 NUT  
2 PL

**FIGURE 1 (WAS)**



MS21250-03014 BOLT  
D3692-1 SPACER, 2X  
MS21042-3 NUT  
2 PL

**FIGURE 2 (IS)**

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

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